

**Emergency Support Function #1
Transportation**

Approval and Implementation

This document was developed by Emergency Support Function #1 in accordance with national, state, and local regulations regarding the implementation of this Emergency Support Function. This document follows the National Incident Management System and meets the coordination objectives of local emergency response organizations. By signature, the entities below accept this document as standard practice for prevention, mitigation, preparedness, response, and recovery during emergency operations.

Phillip Scott, P.E., C.M.E., Director, Department of Engineering

Signature: _____ Date: _____

Kimberly Singleton, Division of Traffic & Signals, City of Newark Department of Engineering / ESF #1
Coordinator

Signature: _____ Date: _____

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Record of Changes

Changes listed below have been made to the City of Newark, New Jersey Emergency Support Function#1 since its promulgation.

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**Emergency Support Function #1
Transportation**

Primary Agency	City of Newark, Department of Engineering Division of Traffic & Signals 255 Central Avenue Newark, New Jersey 07103 Phone: (973) 733-3985
Coordinator	Kimberly Singleton City of Newark Department of Engineering, Division of Traffic & Signals 255 Central Avenue Newark, New Jersey 07103 Phone: (973) 733-3985 Email: mohammadishm@ci.newark.nj.us
Alternate Coordinator	Phillip Scott, P.E., C.M.E., Director City of Newark Department of Engineering, 920 Broad Street, Room 412 Newark, New Jersey 07102 Phone: (973) 733-8520 Email: scottp@ci.newark.nj.us
Support Agencies	City of Newark Department of Public Works Talib Aquil, Director Phone: (973) 733-5485 Email: aquilt@ci.newark.nj.us City of Newark Parking Authority Ethelyn Bowers 50 Park Place Suite 919 Newark, NJ 07102 Phone: (973) 623-6335 Email: ebowers@newarkparking.org City of Newark Department of Public Safety City of Newark Department of Public Safety, Office of Emergency Management & Homeland Security Division City of Newark Department of Public Safety, Police Division City of Newark Department of Public Safety, Fire Division City of Newark Department of Health and Community Wellness City of Newark Department of Health and Community Wellness

County Support

Essex County Public Works
Department, Sanjeev Varghese, Director
Phone: (973) 226-8506
Email: svarghese@essexcountynj.org

State Support

New Jersey National Guard
New Jersey Office of Emergency Management
University Hospital-Emergency Medical Services of the University of
Medicine and Dentistry

Private Support

New Jersey Transit

Volunteer Support

American Red Cross

The Emergency Support Function #1 Coordinator maintains contact information for all Support Agencies, State Support, Private Support, and Volunteer Support. See Appendix 1.3: Recall/Duty Roster.

I. Introduction

A. Purpose

The purpose of Emergency Support Function #1, Transportation (ESF #1), is to provide for and coordinate available transportation resources for support of emergency response activities within the City of Newark. Operations executed by ESF #1 include, but are not necessarily limited to, the following:

- € Identify pre-designated evacuation routes
- € Monitor and report on the status of roadways and other transportation modes before, during, and after an emergency
- € Protect and restore traffic and signals systems as needed to support response, recovery, and evacuation efforts
- € Provide for staging areas, reception areas, and transportation resources as necessary to support evacuation efforts

B. Scope

This ESF coordinates operations by the City of Newark related to transportation before, during, and after an emergency. This ESF is an integral component of the *City of Newark Emergency Operations Plan* (EOP) and, as such, is intended to be implemented within the policy and operational framework of the EOP. Operations of ESF #1 are therefore intended to be fully integrated with other activated City of Newark ESFs.

During an emergency that extends beyond the City of Newark jurisdictional boundaries, it could be necessary for ESF #1 to conduct operations in an autonomous manner, working with ESF #1 Committees at the municipal, county, state, and federal levels to: identify needs and problem areas related to transportation; formulate mission assignments addressing those needs or problems; and implement mission assignments. ESF #1 could also work directly with ESF #1 Committees of neighboring jurisdictions within the New Jersey Urban Area Security Initiative (UASI) Region, the New York-New Jersey-Connecticut-Pennsylvania Area Regional Catastrophic Preparedness Grant Program (RCPGP), or within the framework of other memoranda of understanding (MOU), memoranda of agreement (MOA), or charter agreements in the event of large-scale or catastrophic emergencies.

II. Policies

The policies that govern the operations of this ESF, as well as the prioritization of mission assignments and resource allocation whenever necessary, are the following, in order of priority:

- € Conduct or assist in operations necessary to reduce the imminent threat of danger, or support other operations directly intended to prevent or minimize injury or illness to the impacted population
- € Support emergency response operations being conducted by other City of Newark ESFs, or by neighboring jurisdictions, when necessary
- € Gather situational awareness information in support of emergency response operations
- € Support recovery operations being conducted by the City of Newark
- € Support emergency preparedness activities being conducted by the City of Newark
- € Maintain operational continuity of the City of Newark's traffic signal network

III. Situation and Assumptions

A. Situation

The activation of this ESF is predicated by an emergency of such severity and magnitude that it requires the resources and capabilities of ESF #1. Identification of the various hazards the City of Newark faces and the likely consequences for emergency operations can be found in the Hazard Assessment, Appendix BPA-1 of the EOP.

For example, Appendix BPA-1 indicates that there are several emergency situations that could require an evacuation of part or all of the City of Newark. Small-scale localized evacuations could be needed as a result of flooding, hazardous materials (HAZMAT) accidents, fires, or transportation emergencies. Large scale, mass evacuation could be required in the event of an enemy attack.

Three values, i.e., relative risk, consequence category, and level of ESF involvement are shown in the following excerpt from Appendix BPA-1. These three values, taken in combination, provide a means of identifying hazards which may be of greatest concern. For example, a hazard with high consequences and a high level of ESF involvement is most likely to overwhelm local resources. If the relative risk for such a hazard is also high, then it ought to be a priority for planning purposes.

The relative risk is a function of probability, impacts, and advance warning. Details of how these values were developed are indicated in BPA-1.

The consequences of each hazard were categorized as follows:

1. Most severe impacts to property and infrastructure, i.e., services are disrupted and/or structures are damaged, but there are little or no injuries or casualties; a major power outage is an example of this type of catastrophic event.
2. Most severe impacts to people. Low impacts to property and infrastructure, i.e., people and/or animals are affected, but there is little impact on structures or infrastructure; for example, an epidemic affecting a large proportion of the population
3. High impacts to people, property, and infrastructure, people, animals, structures and infrastructure are potentially impacted; widespread flooding over the NJ UASI Region is a relevant example

In addition to this categorization, each hazard was assigned a value regarding the anticipated level of involvement for each ESF. These are as follows:

1. ESF will have limited or no involvement
2. ESF will be main and/or sole focus of response and recovery efforts
3. Coordinated effort will be required between multiple ESFs

B. Planning Assumptions

Implementation of this ESF is based on the following assumptions:

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IV. Concept of Operations

A. General

This ESF is responsible for meeting the transportation-related needs of the City of Newark emergency response operations to provide transportation capabilities and resources to perform emergency response missions in anticipation of, during, or following a large-scale emergency. This ESF is activated upon the request of the City of Newark Emergency Operations Center (CNEOC) or Incident Commander (IC) and functions under the supervision and coordination of the City of Newark Department of Engineering, Division of Traffic & Signals and the designated ESF #1 Coordinator. The designated support agencies provide assistance and resources upon request.

The ESF #1 Coordinator shall implement mission assignments based on requests from other City of Newark ESFs, field Command Staff, and designated Operations and Logistics Section Liaisons of the Incident Command System (ICS) in the CNEOC funneled through the CNEOC Manager, in accordance with the incident action plan approved by the IC and Policy Group.

In addition to coordination with ESF #1 designated support agencies, ESF #1 shall interact regularly with other ESFs within the City of Newark. Although interactions with other ESFs shall be scenario based, ESF #1 is most likely to have regular interactions with:

- € ESF #3: Public Works & Engineering including coordination of support for restoration of transportation routes for response, recovery, and evacuation efforts
- € ESF #5: Emergency Management regarding access to commodities point-of-distribution sites
- € ESF #6: Mass Care regarding access to shelters
- € ESF #8: Public Health and Emergency Services regarding access to emergency medical services (EMS) and/or public health facilities
- € ESF #12: Energy for reestablishing utility connections
- € ESF #13: Public Safety for control and direction of evacuation procedures

City of Newark resources available to implement mission assignments of ESF #1 are identified and catalogued in the New Jersey Resource Directory Database (RDDDB). See Appendix 1.1, Resource Directory Database (RDDDB). The primary and support agencies shall access the RDDDB through the MyNewJersey portal site.

MOUs, MOAs, and mutual aid agreements (MAAs) with other jurisdictions are included in Appendix 1.2, Mutual Aid Agreements.

B. Notification and Mobilization

The IC shall be responsible for notifying the City of Newark Department of Engineering, Division of Traffic & Signals of the need to activate ESF #1 and timeline for activation. The City of Newark Department of Engineering, Division of Traffic & Signals shall notify their agency staff assigned to the ESF including the ESF #1 Coordinator and request their deployment to the CNEOC and other pre-designated locations. See Appendix 1.3, Recall/Duty Roster and Appendix 1.4, Pre-Designated Locations, Meeting Points, and Points of Distribution. In addition, the ESF #1 Coordinator shall notify the support agencies of the ESF activation and, as required by the emergency, request mobilization and deployment of personnel and/or resources to pre-assigned locations, or to remain on standby for mobilization and deployment.

Mobilization of personnel by the City of Newark Department of Engineering, Division of Traffic & Signals shall include, at a minimum, assignment of at least one individual to the CNEOC to staff the ESF #1 position. Depending on the level of activation of the CNEOC and the size of the emergency response operation, this individual could also serve as the representative for other ESFs for which the department is a primary or supporting agency.

Detailed emergency response and CNEOC notification and mobilization procedures can be found in Section II.C.3, Notifications of the EOP Base Plan.

Private resource providers shall be contacted and advised of the activation of ESF #1 by the ESF #1 Coordinator and requested to mobilize or remain on standby, as required by the emergency.

C. Actions

This section describes the emergency management actions that could be required of ESF #1 to prevent, mitigate against, prepare for, respond to, and recover from the loss of life or property during emergencies.

1. Prevention

The following general prevention actions shall be taken in anticipation of the activation of ESF #1:

- € Work with ESF #13 and other intelligence agencies to evaluate and determine the need for heightened inspections, improved surveillance, and security operations of transportation infrastructure

2. Mitigation

The City of Newark identifies opportunities for, and undertakes, mitigation actions on an ongoing basis as part of the *All-Hazard Mitigation Plan for Essex County, New Jersey*. See Base Plan, Section IX.B.3.A for information regarding the *All-Hazard Mitigation Plan for Essex County, New Jersey*.

3. Preparedness

The following general preparedness actions shall be taken in anticipation of ESF #1:

- € Assess pre-emergency needs and develop plans to stage resources for rapid deployment
- € Maintain ESF #1 resource lists as provided by primary and supporting agencies, and coordinated by the ESF #1 Coordinator
- € Maintain private contractor resource support database for ESF #1
- € Maintain relationships with neighboring jurisdiction ESF #1 primary agencies
- € Participate in drills and exercises to evaluate emergency response capabilities of ESF #1

The following specific preparedness activities shall also be undertaken by the primary and support agencies in anticipation of ESF #1's activation:

- € Identify and maintain information about pre-designated evacuation routes including working with ESF #3 and ESF #13 to identify any potential problem areas for establishing or managing evacuation operations. See Appendix 1.5, Evacuation Routes for information about pre-designated evacuation routes.

4. Response

The following general response actions shall be taken for ESF #1 in the CNEOC:

- € Receive a briefing from the IC regarding the present situation and the immediate need for action
- € Establish an operation shift schedule consistent with the CNEOC as established by the CNEOC Manager for staffing ESF #1, if 24-hour operations are required due to the magnitude of the emergency. As required, ensure that an overlap of 15 minutes occurs between shifts so that staff can transfer all relevant information/processes.
- € Receive and execute mission assignments from other ESFs and the Command Staff

The following specific response activities shall also be undertaken by the primary and support agencies for ESF #1 related to transportation functions:

- € Establish and maintain situation awareness regarding the status of roadways and other transportation modes before, during, and after an emergency
- € Protect and restore traffic signal systems as needed to support response, recovery, and evacuation efforts
- € Provide for staging areas and reception areas in support of evacuation efforts. See Appendix 1.6 for information regarding potential staging areas. See Appendix 1.7 for information regarding potential evacuation reception areas.
- € Provide transportation resources in support of evacuation efforts. The City of Newark does not have a fleet of vehicles appropriate to use in the evacuation of large numbers of people. The primary resources for obtaining such transportation would be the private sector. Large numbers of people could be evacuated thru an agreement with the commuter rail lines and the bus companies which operate in the city. Specialized vehicles (such as ambulances) shall have to be obtained through agreements with EMS at University Hospital.

5. Recovery

For recovery operations, the organizational structure and method of coordination of this ESF shall remain the same as that used in emergency response operations. As the emergency response transitions into recovery, ESF #1 shall support mission assignments of ESF #14.

D. Communications

ESF #1 communications protocols and procedures shall be consistent with general emergency response communications protocols and procedures, managed by the Logistics Section in the CNEOC, the primary and supporting agencies of ESF #2, and as outlined in the EOP Base Plan, Section VI, Communications. This includes but is not limited to coordination in the development of ICS 205 forms.

E. Demobilization

In anticipation for demobilization of ESF #1 and the CNEOC, the City of Newark Department of Engineering shall take the following actions:

- € Review all documentation of ESF #1 operations, expenditures, and personnel time to ensure completeness and accuracy
- € Track all ESF #1 mission assignments and ensure their completion
- € Prepare information, as necessary, to be used in recovery operations if the continued need for ESF #1 in recovery is anticipated
- € Inform the appropriate personnel of the primary and support agencies, as well as private vendor support, of the impending demobilization of ESF #1
- € Transmit all documentation to the IC or ESF #5 through the CNEOC Manager and request approval to demobilize
- € Demobilize ESF #1, with notification to all necessary organizations and individuals

V. Organization and Assignment of Responsibilities

A. Organization

The organizational chart shown in the EOP Base Plan, BPA, NIMS/ICS EOC ESF Structure illustrates the position of ESF #1 in the City of Newark emergency response ICS organization.

The CNEOC is organized and staffed to respond to any type or size of emergency. The CNEOC organization is made up of two distinct groups, the Executive and Operations groups. The responsibilities of each group are well defined and coordination between the groups is provided by the Deputy City of Newark Emergency Management Coordinator (CNEMC).

Executive Group:

The Executive Group consists of the Mayor, key staff members from the Mayor's office, city councilmen and the directors of all city departments and agencies who have responsibilities in emergency response. The Executive Group has the responsibility for making policy decision for emergency response, declaring a "State of Emergency," and for ordering evacuations.

Operations Group (Emergency Management Council):

The Operations Group is made up of high level staff members from each city department or agency having responsibilities in emergency response. These are the individuals whose day-to-day activities include the supervision of the field operations of agency/department personnel. The Operations Group is coordinated by the Deputy CNEMC and responds according to established procedures which are developed to encompass all emergency situations from small easily contained emergencies to full scale emergencies requiring large areas to be evacuated.

The development of plans, appropriate annexes, and detailed procedures which ensure a consistent, coordinated and workable emergency response capability is the responsibility of the Operations Group, coordinated by the Deputy CNEMC.

The Deputy CNEMC, City of Newark Office of Emergency Management (CNOEM) & Homeland Security:

The Deputy CNEMC has the responsibility for the overall coordination of the development of plans, annexes, and procedures for emergency response and for coordinating the implementation in an emergency.

B. Assignment of Responsibilities

This section designates the primary and support agencies for implementation of ESF #1.

1. ESF #1 Coordinator

The Manager, Traffic & Signals Division of the City of Newark Department of Engineering is designated as the ESF #1 Coordinator. The ESF #1 Coordinator responsibilities are as follows:

- € Overall coordination of the development of plans, annexes, and procedures for emergency response consistent with ESF #1 and for coordinating implementation in an emergency
- € Maintain all ESF attachments, to include checklists and contact lists

- ¶ Working with ESF #5 Coordinator, ensure timely updates and maintenance of ESF #1 related resources in the RDDB

2. Primary Agency

The City of Newark Department of Engineering, Division of Traffic & Signals is the primary agency for this ESF. Of available City of Newark agencies, the City of Newark Department of Engineering, Division of Traffic & Signals has the trained technical personnel, resources, facilities, and systems most appropriate for implementing this ESF. The City of Newark Department of Engineering, Division of Traffic & Signals is specifically designated as the primary agency because of its normal day-to-day responsibilities, facilities, and equipment that support or facilitate the execution of providing transportation capabilities and resources to perform emergency response missions in anticipation of, during, or following an emergency. The City of Newark Department of Engineering, Division of Traffic & Signals responsibilities are as follows:

- ¶ Support development of plans, annexes, and procedures for emergency response consistent with ESF #1 and implementation of ESF #1 in an emergency
- ¶ Support process for updating and maintaining ESF #1 related resources in the RDDB

3. Support Agencies

- a. CNOEM is designated as a support agency for this ESF because of its interaction and coordinating responsibilities with all the City of Newark ESFs.
- b. City of Newark Department of Health and Community Wellness
- c. City of Newark Department of Public Safety
- d. City of Newark Department of Public Safety, Division of Fire
- e. City of Newark Department of Public Safety, Division of Police
- f. City of Newark Department of Public Works
- g. City of Newark Parking Authority

City of Newark Parking Authority

All Support Agencies are responsible to provide ESF #1 RDDB information. In addition, responsibilities of the Support Agencies shall be designated by the ESF #1 Coordinator depending on the nature and conditions related to specific emergencies.

4. State Support

- a. New Jersey National Guard
- b. New Jersey Office of Emergency Management (NJOEM)
- c. The University Hospital-EMS of the University of Medicine and Dentistry is designated as a support organization to provide special-needs transportation (ambulance, wheelchair lift van, etc.)

In addition to any specific responsibilities listed above, the ESF #1 Coordinator shall request support depending on the nature and conditions related to specific emergencies. Requests for support from State Agencies shall be routed via ESF #5 and/or the CNOEM Coordinator.

5. Private Support

- a. New Jersey Transit is designated as a support organization to provide buses for transportation-dependent persons

In addition to any specific responsibilities listed above, the ESF #1 Coordinator shall request support from the private sector depending on the nature and conditions related to specific emergencies. Requests for support from the private sector shall be coordinated with ESF #5, ESF #14, and/or the CNOEM Coordinator.

6. Volunteer Support

- a. The American Red Cross (ARC) is designated as a support organization to:

- a) Operate temporary shelters in the event of evacuations

- b. The Salvation Army is designated as a support organization

- a) Operate temporary shelters in the event of evacuations

In addition to any specific responsibilities listed above, the ESF #1 Coordinator shall request support from volunteer organizations depending on the nature and conditions related to specific emergencies. Requests for support from volunteer organizations shall be coordinated with ESF #5, ESF #6, and/or the CNOEM Coordinator.

C. Emergency Support Function Continuity

There is a need for a line of succession for the ESF #1 Coordinator in order to ensure continuous leadership, authority, and responsibility. The CNOEM Coordinator and the personnel working within this function shall be kept informed of the following line of succession:

1. Kimberly Singleton, Division of Traffic & Signals, Department of Engineering, City of Newark
2. Phillip Scott, P.E., C.M.E., Director, Department of Engineering, City of Newark
3. Ben Ramos, Chief of Maintenance and Traffic Operations, Division of Traffic & Signals, Department of Engineering, City of Newark
4. David Pagan, Supervisor, Division of Traffic & Signals, Department of Engineering, City of Newark

The City of Newark Department of Engineering, Division of Traffic & Signals operates from the following primary location:

255 Central Avenue
Newark, New Jersey 07103

When activated, ESF #1 operates from the City of Newark EOC, located at 480 Clinton Avenue, Newark NJ. Alternate locations are as designated in the City of Newark Base Plan Section IV: Direction, Control, and Coordination.

VI. Information Collection and Dissemination

Information collection and dissemination protocols and procedures shall be consistent with general emergency response information collection and dissemination protocols and procedures, managed by the Planning Section within the CNEOC, primary and supporting agencies of ESF #1, and outlined in the EOP Base Plan, Section V, Information Collection and Dissemination.

Essential records and logs shall be protected and preserved in accordance with standing departmental orders. Records and logs pertaining to ESF #1 shall be forwarded to the CNEMC to ensure that a complete record of the emergency is available for post operation analysis and possible use in litigation.

VII. Administration, Finance, Logistics

Primary and supporting agencies are responsible for ensuring they have access to the resources necessary to fulfill their responsibilities as described in this ESF. Primary and supporting agencies are expected to provide their own logistical support during response operations and provide reporting to the Logistics and Finance/Administration Sections through the ESF #1 Coordinator. Additional support shall be obtained through requests to the CNEOC Manager by the ESF #1 Coordinator.

In the event that ESF #1 resources are overwhelmed, the ESF #1 Coordinator shall contact the CNEOC Manager who shall request assistance through ESF #5. ESF #5 shall coordinate assistance from Essex County, NJOEM, or other agencies via MOU and MOA and notify the IC. Where appropriate, the requests shall be made using Pre-Scripted Mission Requests (PSMRs) located in ESF #5 Appendix 5.10.

All agencies are expected to finance operations and expenditures from their existing budgets. All response agencies shall accurately track and document all expenditures associated with response operations and provide this information to the ESF #1 Coordinator who shall transmit this information to the CNEOC Manager. The CNEOC Manager shall then transmit all documentation to the Time Unit in the Finance/Administration Section for the emergency. Financial assistance could be available through Federal Public Assistance and other programs.

VIII. Authorities and References

A. Laws, Ordinances, Regulations, Resolutions, and Directives

1. Federal
 - a. As cited in the Base Plan
2. State
 - a. As cited in the Base Plan
3. County
 - a. As cited in the Base Plan
4. Municipal
 - a. As cited in the Base Plan

B References, Guidance Material, and Other Documents

1. Federal
 - a. As cited in the Base Plan
 - b. Federal Emergency Management Agency Disaster Operations, CPG 1-6, 198
2. State/Regional
 - a. As cited in the Base Plan
 - b. Northern New Jersey UASI /Regional Emergency Mass Evacuation Plan- Basic Plan (Draft) (Last Revised- 5/19/2011)
3. County
 - a. As cited in the Base Plan
 - b. Essex County Traffic Incident Management Plan (TIMP)
4. Municipal
 - a. As cited in the Base Plan

IX. Attachments

A. Appendices

- Appendix 1.1: Resource Directory Database (RDDDB)
- Appendix 1.2: Mutual Aid Agreements
- Appendix 1.3: Recall/Duty Roster
- Appendix 1.4: Pre-Designated Locations, Meeting Points, and Points of Distribution
- Appendix 1.5: Evacuation Routes
- Appendix 1.6: Staging Area Maps
- Appendix 1.7: Reception Area Maps
- Appendix 1.8: Transportation Resources

Appendix 1.1: Resource Directory Database (RDDB)

Current City of Newark entries for the RDDB are available at:

City of Newark Department of Public Safety
Office of Emergency Management and Homeland Security Division
480 Clinton Avenue 3rd Fl.
Newark, New Jersey 07108

Appendix 1.2: Mutual Aid Agreements

The City of Newark Evacuation Group has verbal mutual aid agreements with the following:

- £ Elizabeth, Union County
- £ Hillside, Union County
- £ Irvington, Essex County
- £ South Orange, Essex County
- £ Orange, Essex County
- £ East Orange, Essex County
- £ Bloomfield, Essex County
- £ Belleville, Essex County
- £ Kearny, Hudson County
- £ East Newark, Hudson County
- £ Jersey City, Hudson County
- £ Bayonne, Hudson County
- £ Harrison, Hudson County

Appendix 1.3: Recall/Duty Roster

The Emergency Support Function #1 Coordinator maintains contact information for all Support Agencies, State Support, Private Support, and Volunteer Support. The current ESF #1 Recall/Duty Roster is available at:

City of Newark Department of Engineering,
Division of Traffic & Signals
255 Central Avenue
Newark, New Jersey 07103
Phone: (973) 733-3985

Appendix 1.4: Pre-Designated Locations, Meeting Points, and Points of Distribution

The Emergency Support Function #1 Coordinator maintains information for all pre-designated locations, meeting points, and points of distribution. The current ESF #1 information regarding Pre-Designated Locations, Meeting Points, and Points of Distribution is available at:

City of Newark Department of Engineering,
Division of Traffic & Signals
255 Central Avenue
Newark, New Jersey 07103
Phone: (973) 733-3985

Appendix 1.5: Evacuation Routes

Evacuation routes used would depend on the type, location, severity, and meteorological conditions of the incident. Generally, the following streets would be the principal evacuation routes through and out of the city.

The primary transportation routes are:

- £ US #1 and 9 traverses the southeastern section of the city
- £ Garden State Parkway traverses the western section of the city
- £ New Jersey Turnpike traverses the eastern section of the city and interconnects with US #1
- £ Route 280 traverses east and west with central city outlets

The secondary transportation routes are:

- £ Routes 78 (east-west) and 22 (East-West) cross between the airport to the south and the center of the city to the north
- £ Route 21 (north-south) (McCarter Highway) runs through the center of the city (business district) from the airport in the south to Passaic County in the north
- £ Route 24 (east-west) runs from Newark Airport (east) to Morris County (west)

The following indicates potential evacuation routes for each ward of the city:

- £ North Ward, Route 280, Bloomfield Avenue, Garden Street Parkway, Route 21
- £ Central Ward, Route 280, South Orange Avenue, Springfield Avenue, Broad Street, McCarter Highway
- £ East Ward, New Jersey Turnpike, Ferry Street, Raymond Boulevard, Route 21, Routes 1&9
- £ South Ward, Route 78, Route 22, Route 24, Frelinghuysen Avenue, Broad Street, Routes 1&9
- £ West Ward, Route 280, Garden Street Parkway, South Orange Avenue, Springfield Avenue

Appendix 1.6: Staging Area Maps

Staging areas would be located at the City of Newark storage yard(s) that are most convenient to the incident. Storage yards located in the City of Newark are:

- £ 255 Central Avenue (Division of Traffic & Signals)
- £ 62 Frelinghuysen Avenue (Division of Sanitation)
- £ 239 Central Avenue (Department of Water & Sewer)

Each storage area will be located and mapped on the City of Newark's Geographic Information System (GIS). The current ESF #1 Staging Area Maps are available at:

City of Newark Department of Engineering,
Division of Traffic & Signals
255 Central Avenue
Newark, New Jersey 07103
Phone: (973) 733-3985

Appendix 1.7: Reception Area Maps

Following are the identified reception areas in the City of Newark.

Reception Area	Address	Telephone
Barringer High School	49 Parker Street	268-5125
Central High School	246 18 th Avenue	733-6897
East Side High School	238 Van Buren Street	465-4900
Shabazz High School	80 Johnson Avenue	733-6760
Weequahic High School	279 Chancellor Avenue	705-3900
West Side High School	South Orange Avenue & 14 th Street	733-6971

Each school will be located and mapped on the city's GIS.

The following indicates potential reception centers for each ward of the City of Newark:

- £ North Ward, Barringer High School, 49 Parker Street
- £ Central Ward, Central High School, 345 High Street
- £ East Ward, East Side High School, 238 Van Buren Street
- £ South Ward, Shabazz High School, 80 Johnson Avenue
- £ West Ward, West Side High School, South Orange Avenue & 14th Street

Appendix 1.8: Transportation Resources

The Emergency Support Function #1 Coordinator maintains information re: all transportation resources. The current ESF #1 information regarding Transportation Resources is available at:

City of Newark Department of Engineering,
Division of Traffic & Signals
255 Central Avenue
Newark, New Jersey 07103
Phone: (973) 733-3985

